



PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/086,309
Filing Date	3/1/2004
First Named Inventor	Dimitris Achlioptas
Art Unit	2121
Examiner Name	Chuong D. Ngo
Attorney Docket Number	MS164183.1/MSFTP316US

Sheet	1	of	1
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CM		DIMITRIS ACHLIOPTAS, Database-Friendly Random Projections, Journal of Computer and Systems Science, June 2003, 671-687, Volume 66 Issue 4	
CM		WOLFRAM RESEARCH, Euclidean Space, http://mathworld.wolfram.com/EuclideanSpace.html , last viewed on 5/11/2005	

Examiner Signature	<i>Ngo</i>	Date Considered	6/7/05
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/086,309		
		Filing Date	March 1, 2002		
		First Named Inventor	Dimitris Achlioptas		
		Art Unit	2121		
		Examiner Name	Unknown		
Sheet	1	of	3	Attorney Docket Number	MS164183.1/MSFTP316US

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
C ↓ ↓ ↓ ↓ ↓		US- 5,647,058	7-8-97	Agrawal, et al.	
		US- 6,032,146	2-29-00	Chadha, et al.	
		US- 6,122,628	9-19-00	Castelli, et al.	
		US- 6,134,541	10-17-00	Castelli, et al.	
		US- 6,134,555	10-17-00	Chadha, et al.	
		US- 6,505,207	1-7-03	Aggarwal, et al.	
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/086,309
		Filing Date	March 1, 2002
		First Named Inventor	Dimitris Achlioptas
		Group Art Unit	2121
		Examiner Name	Unknown
		Attorney Docket Number	MS164183.1/MSFTP316US
Sheet	2	of	3

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
W		WILLIAM B. JOHNSON, et al.; "Extensions of Lipschitz mappings into a Hilbert space", Contemporary Mathematics, 1984, Pages 189-206, Vol. 26	
		P. FRANKL, et al.; "The Johnson-Lindenstrauss Lemma and Sphericity of Some Graphs", Journal of Combinatorial Theory, 1988, Pages 355-362, Series B 44	
		SANJEEV ARORA, et al.; "Learning Mixtures of Arbitrary Gaussians", 2001, Pages 247-257	
		SANJOY DASGUPTA; "Learning Mixtures of Gaussians", 1999	
		SANJOY DASGUPTA, et al.; "An elementary proof of the Johnson-Lindenstrauss Lemma", March 1999, Pages 1-5	
		PIOTR INDYK; "Stable Distributions, Pseudorandom Generators, Embeddings and Data Stream Computation", 2000, Pages 1-9	
		PIOTR INDYK, et al.; "Approximate Nearest Neighbors: Towards Removing the Curse of Dimensionality", 1998, Pages 604-613	
		JON M. KLEINBERG; "Two Algorithms for Nearest-Neighbor Search in High Dimensions", 1997, Pages 599-608	
		NATHAN LINIAL, et al.; "The geometry of graphs and some of its algorithmic applications", 1995, Pages 1-26	
	CHRISTOS H. PAPADIMITRIOU, et al.; "Latent Semantic Indexing: A Probabilistic Analysis", November 14, 1997, Pages 1-15		
	LEONARD J. SCHULMAN; "Clustering for edge-Cost Minimization", 2000, Pages 1-31		

Examiner Signature	NGO	Date Considered	6/7/05
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